

Electronic Acknowledgement Receipt

EFS ID:	2167531
Application Number:	10698501
International Application Number:	
Confirmation Number:	9608
Title of Invention:	Heating MRAM cells to ease state switching
First Named Inventor/Applicant Name:	Heon Lee
Customer Number:	20792
Filer:	Robert N. Crouse/Evelyn Casey
Filer Authorized By:	Robert N. Crouse
Attorney Docket Number:	5649-2226
Receipt Date:	06-SEP-2007
Filing Date:	31-OCT-2003
Time Stamp:	18:45:43
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
------------------------	----

File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed	5649_2226_IDS.pdf	211497 84e5e0ba1b6d0dfed56c52c154b25925 0b23d8cb	no	2

Warnings:

Information:

This is not an USPTO supplied IDS fillable form

2	Foreign Reference	5649_2226_jp2002245774.p df	967366 cl591d2a3801150a5ba2e1bc815025f0 a23a8717	no	9
---	-------------------	--------------------------------	--------------------------------------------------------	----	---

Warnings:**Information:**

3	Foreign Reference	5649_2226_jp2003060173.p df	1056046 56b84658ec9d4a157f1eb31dcadbefdc d7e697aa	no	9
---	-------------------	--------------------------------	---------------------------------------------------------	----	---

Warnings:**Information:**

4	Foreign Reference	5649_2226_jp2003133527.p df	2474957 45c593e4505a559aded5beccdc8b75c9 eb856703	no	15
---	-------------------	--------------------------------	---------------------------------------------------------	----	----

Warnings:**Information:**

5	Foreign Reference	5649_2226_jp2003298025.p df	1156730 644a654aea86db53bd0da758fb9bae4c 096a647b	no	10
---	-------------------	--------------------------------	---------------------------------------------------------	----	----

Warnings:**Information:**

Total Files Size (in bytes):	5866596
-------------------------------------	---------

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.